

APPENDIX III

Miyawaki '486 (count 4)

A display unit comprising a first substrate having a display area including a plurality of reflection electrodes with a gap portion formed therebetween and a peripheral portion around the display area, a second substrate opposing said first substrate and having a transparent electrode, and a liquid crystal material being put between said first and second substrates,

wherein said first substrate has a shading layer at least part of said gap portion and said peripheral portion, and wherein said shading layer exhibits a different reflection characteristic from said reflection electrodes.

Kurogane '667

Claim 1. (rearranged to put non-critical element in front)(count 1)

A liquid crystal display apparatus for displaying an image, comprising: a substrate; a plurality of switching elements being formed on said substrate; a first orientation film formed on said optical reflector; a second orientation film spaced apart from said first orientation film; a second transparent electrode on which said second orientation film is formed; a layer of liquid crystal material positioned between said first and second orientation films;

a first electrode connected with said switching element and positioned over said switching element;

a storage capacitor connected with said first electrode and positioned under said first electrode;

an optical reflector formed on said first electrode and a frame;

and

substantially nonconductive optical blocking means positioned between said first electrode and said switching element for blocking an incident light from leaking into said switching element.

Claim 4. (rearranged to put non-critical element in front)(count 2)

A liquid crystal display apparatus for displaying an image, comprising: a substrate; a plurality of switching elements being formed on said substrate; a first orientation film formed on said optical reflector; a second orientation film spaced apart from said first orientation film; a second transparent electrode on which said second orientation film formed; and a layer of liquid crystal material positioned between said first and second orientation films.

a first electrode connected with said switching element and positioned over said switching element;

a frame composition disposed along an edge of said first electrode, with said frame composition being composed of optical blocking insulating material for blocking incident light from leaking into said switching element;

a storage capacitor connected with said first electrode and positioned under said first electrode;

an optical reflector formed on said first electrode;

Claim 7. (rearranged to put non-critical element in front)(count 4)

A liquid crystal display apparatus for displaying an image, comprising: a substrate; a first orientation film formed on said optical reflector; a second orientation film spaced apart from said first orientation film; a second transparent electrode formed on said second orientation film; and a layer of liquid crystal material positioned between said first and second orientation films a plurality of switching elements being formed on said substrate,

a first electrode connected with said switching element and positioned over said switching element;

nonconductive optical blocking material formed under said first electrode;

a storage capacitor connected with said first electrode and positioned under said first electrode;

an optical reflector formed on said first electrode.